

REMARKS

Reconsideration of this application is respectfully requested in view of the foregoing amendment and the following remarks.

By the foregoing amendment, claim 17 has been amended to correct a minor typographical error, and claims 22-27 have been added. Claims 14-27 remain pending.

In the Office Action mailed April 23, 2001, the Patent Office (PTO) withdrew a previous Notice of Allowability and rejected claims 14-21 under 35 U.S.C. 102(e) as being anticipated by newly cited reference, Nguyen et al. (U.S. Pat. No. 6,072,870)

Rejection of claims 14-21 under 35 U.S.C. 102(e)

With regard to the PTO's rejection of claims 14-18 under 35 U.S.C. 102(e) as being anticipated by Nguyen et al., Applicants respectfully traverse the rejection for at least the following reason:

The PTO asserted that Nguyen et al. disclose "creating a token representation of the data stream from the desired application, regardless if the application is a legacy application or a canonical application" on lines 1-14 of the abstract, lines 48-65 of col. 18, and Fig. 7F (p. 3, Office Action of 4/23/01). However, a review of PTO's cited sections of Nguyen et al., and indeed the entire reference, does not disclose the claimed feature of "creating a token representation of the data stream from the desired application." For instance, lines 7-8 of the abstract merely states in general a payment gateway system that "formats transaction information appropriately and transmits the transaction to the particular host legacy system." In other words, the abstract does not indicate that the payment gateway system appropriately formats the transaction information by creating a token representation of a data stream of the transaction information as claimed by Applicants. In fact, lines 48-52 of col. 18 of Nguyen et al., as admittedly cited by the PTO, actually teach away from the claimed invention by stating that,

In function block 665, payment gateway computer system 140 generates a random capture token 770. Random capture token 770 is utilized in subsequent payment capture processing to associate the payment capture request with the payment authorization request being processed. FIG. 7F depicts capture token 775. (Emphasis added).

In other words, the random capture token of Nguyen et al. is actually used to associate the payment capture request with the payment authorization request, and it is not used as a token representation of either the payment capture request or the payment authorization request, which the PTO may have interpreted as data stream from the desired application. Accordingly, Applicants respectfully submit that claims 14-18 remain allowable over the references of record.

With regard to the PTO's rejection of claims 19-21 also under 35 U.S.C. 102(e) as being anticipated by Nguyen et al., Applicants respectfully traverse the rejection for at least the following reason:

The PTO rejected claims 19-21 by simply stating that they are "system's claims that contain the same limitation as claim 1, therefore are rejected by the same rationale." (p. 4, Office Action of 4/23/01). Accordingly, Applicants respectfully submit that claims 19-21 are allowable over the references of record for at least the above-stated reasons with regard to the allowability of claims 14-18. Furthermore, Nguyen et al. fail to disclose the claimed features of a token-creator-mapper for creating a first token representation and a second token representation of the data provided by the application that are respectively received by the first access device and the second access device, as stated in claim 19. Accordingly, Applicants respectfully submit that claims 19-21 remain allowable over the references of record.

Applicants have added claims 22-27, which Applicants respectfully submit to be allowable over the references of record for at least the reasons stated above with regard to the allowability of claims 14-21.

Conclusion

For at least all of the above reasons, Applicants respectfully submit that the present invention is neither disclosed nor suggested by the references of record, and the claims now pending patentably distinguish the present invention from the references of record. Accordingly, reconsideration and withdrawal of the outstanding rejections and an issuance of a Notice of Allowance are earnestly solicited.

Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached page is captioned "Version with markings to show changes made."

Should the Examiner determine that any further action is necessary to place this application into better form, the Examiner is encouraged to telephone Applicants' undersigned representative at the number listed below.

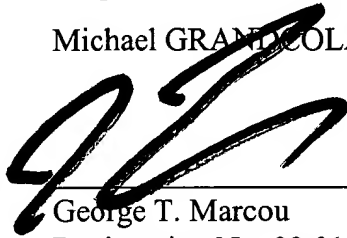
Respectfully submitted,

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9/24/01

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Claim 17 has been amended as follows:

17. The method of claim 14 wherein the one access device is a personal digital assistant.

Claims 22-27 have been added as follows:

22. (New) A method of interfacing an access device with a software application, comprising:

producing a data stream from the software application;
providing a token representation of the data stream from the software application; and
forwarding the token representation to the access device.

23. (New) The method of claim 22, wherein providing the token representation of the data stream from the software application comprises:

identifying the software application as one of a legacy application and a canonical application.

24. (New) The method of claim 23, wherein providing the token representation of the data stream from the software application further comprises:

if the software application is identified as a legacy application, identifying the data stream as a legacy application stream;

determining that no token representation exists for the legacy application stream; and
creating the token representation of the legacy application stream.

25. (New) The method of claim 24, wherein forwarding the token representation to the access device comprises:

mapping the token representation to a token stream that is particular to a renderer of the access device.

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26. (New) The method of claim 23, wherein providing the token representation of the data stream from the software application further comprises:

if the software application is identified as a canonical application, identifying the data stream as a canonical application stream having the token representation of the canonical application stream.

27. (New) The method of claim 22, wherein forwarding the token representation to the access device comprises:

mapping the token representation to a token stream that is particular to a renderer of the access device.